

© WPI / Thomson

- AN - 1994-348593 [43]
- TI - Synthesis of ethyl ester(s) of fatty acids using lipase - using *Methylococcus capsulatus* VKPM-1743 as source of fatty acid and lipase
- AB - Ethyl esters of fatty acids are synthesised biochemically as follows.
Methylococcus capsulatus VKPM-1743 is used as the source of intracellular fatty acids and lipase catalyst. The strain is grown, nutrient medium centrifuged off and the biomass mixed with ethanol in proportion 5:1-10. The mixt. is left to stand for 20-25 days with shaking. Lipids are extracted with CHCl_3 and esters are separated by adsorption chromatography.
- USE :
 In biochemical syntheses of organic cpds.
- ADVANTAGE :
 Simpler method.
- IW - SYNTHESIS ETHYL ESTER FATTY ACID LIPASE CAPSULATUS SOURCE
- PN - SU1822411 A3 19930615 DW199443
- IC - C12P7/62
- ICAI - C12P7/62
- ICCI - C12P7/62
- MC - D05-C E10-G02E
- DC - D16 E17
- PA - (MOFO) MOSC FOOD IND TECHN INST
- IN - KOLESNIK G B; ROZHDESTVENSKAYA M V; SULTANOVICH YU A
- AP - SU19904897955 19901228
- PR - SU19904897955 19901228